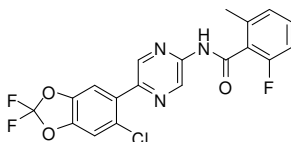




Certificate of Analysis

Axon Catalogue ID: 4066 **Batch Number:** 1
Product Name: CM-4620
Alternative Name(s): Zegocractin
IUPAC Name: N-(5-(6-Chloro-2,2-difluorobenzo[d][1,3]dioxol-5-yl)pyrazin-2-yl)-2-fluoro-6-methylbenzamide

Structure:



Amount:

CAS number(s): 1713240-67-5
Molecular Formula: C₁₉H₁₁ClF₃N₃O₃ **Molecular Weight:** 421.76
Batch Molecular Formula: C₁₉H₁₁ClF₃N₃O₃ **Batch Molecular Weight:** 421.76
Appearance: Light-yellow solid **Observed mp:** 155 °C
TLC (R_f): 0.38 Hex/EtOAc (4:1)
Chemical Purity: 98.5%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 54.11, H 2.63, N 9.96; Found: C 54.31, H 2.77, N 9.83
Storage Conditions: Store at +4 °C

| Solubility Data: | Solvent | Solubility (mg/ml) | Solubility (mM) | Remarks |
|------------------|----------------|--------------------|-----------------|------------|
| | Water | 0.0 | 0.0 | Insoluble |
| | 0.1N NaOH (aq) | | | Not Tested |
| | 0.1N HCl (aq) | 0.0 | 0.0 | Insoluble |
| | DMSO | 42.2 | >100 mM | |
| | EtOH | 30.0 | 71.1 | |

Remarks:

QC Date: 28-11-2023

The purity of Axon Ligands is confirmed by HPLC, MS, NMR and/or microanalysis. Analytical data are available upon request. Request can be submitted by e-mail to info@axonmedchem.com indicating Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only